

GYFTY

Stranded Loose Tube Non-metallic Strength Member Non-armored Cable

Description

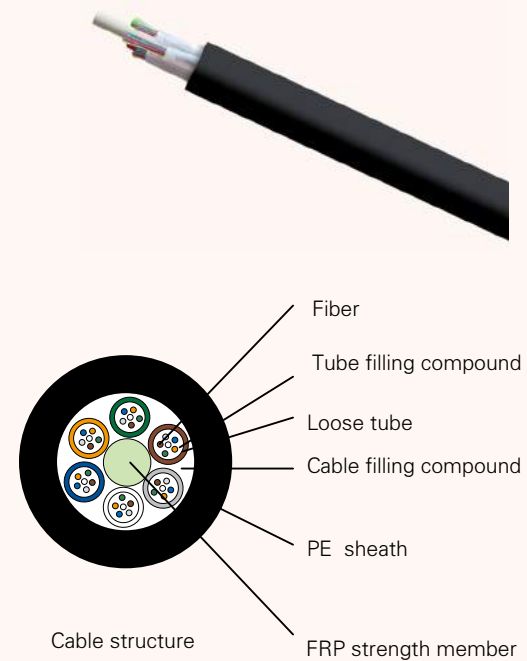
The fibers ,250 μ m , are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound.A Fiber Reinforced Plastic (FRP) locates in the center of core as a non-metallic strength member.The tubes (and fillers) are stranded around the strength member into a compact and circular core. After the cable core is filled with the filling compound to protect it from water ingress. the cable is completed with a PE sheath.Application:Duct/Aerial.

Characteristics

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- Crush resistance and flexibility
- The following measures are taken to ensure the cable watertight:
 - Single Fiber Reinforced Plastic as the central strength member
 - Loose tube filling compound
 - 100% cable core filling

Standards

Complies with Standard YD/T 901-2009 as well as IEC 60794-1.



Technical parameters

Cable Type (Increased by 2 fibers)	Fiber Count	Tubes	Fillers	Cable Diameter mm	Cable Weight Kg/km	Tensile Strength Long/Short term N	Crush Resistance Long/Short term N/100mm	Bending Radius Static/Dynamic mm
GYFTY-2-6	2-6	1	5	10.6	88	400/1000	300/1000	10D/20D
GYFTY-8-12	8-12	2	4	10.6	88	400/1000	300/1000	10D/20D
GYFTY-14-18	14-18	3	3	10.6	88	400/1000	300/1000	10D/20D
GYFTY-20-24	20-24	4	2	10.6	88	400/1000	300/1000	10D/20D
GYFTY-26-30	26-30	5	1	10.6	88	400/1000	300/1000	10D/20D
GYFTY-32-36	32-36	6	0	10.6	88	400/1000	300/1000	10D/20D
GYFTY-2-6	2-6	1	6	11.0	97	600/1500	300/1000	10D/20D
GYFTY-8-12	8-12	2	5	11.0	97	600/1500	300/1000	10D/20D
GYFTY-14-18	14-18	3	4	11.0	97	600/1500	300/1000	10D/20D
GYFTY-20-24	20-24	4	3	11.0	97	600/1500	300/1000	10D/20D
GYFTY-26-30	26-30	5	2	11.0	97	600/1500	300/1000	10D/20D
GYFTY-32-36	32-36	6	1	11.0	97	600/1500	300/1000	10D/20D
GYFTY-38-42	38-42	7	0	11.0	97	600/1500	300/1000	10D/20D
GYFTY-38-48	44-48	4	2	12.0	113	600/1500	300/1000	10D/20D
GYFTY-50-60	50-60	5	1	12.0	113	600/1500	300/1000	10D/20D
GYFTY-62-72	62-72	6	0	12.0	113	600/1500	300/1000	10D/20D

Storage/Operating Temperature: -40°C to +70°C

GYFTY53

Stranded Loose Tube Non-metallic Strength Member Armored Cable

Description

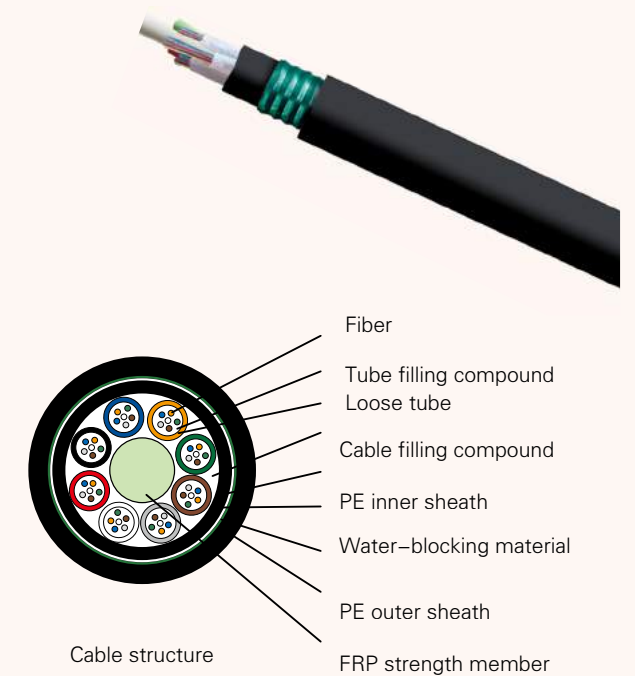
The fibers ,250 μ m , are positioned in a loose tube made of a high modulus plastic. The tubes are filled with a water-resistant filling compound.A Fiber Reinforced Plastic (FRP) locates in the center of core as a non-metallic strength member.The tubes (and fillers) are stranded around the strength member into a compact and circular cable core.Then the cable core is covered with a thin Polyethylene (PE) inner sheath,which is filled with jelly to protect it from water ingress.A layer of water-blocking material is applied around the cable core to prevent it from water ingress all the same.After a corrugated steel tape armor is applied,the cable is completed with a PE outer sheath.Application:Duct/Aerial/Direct buried.

Characteristics

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Special tube filling compound ensure a critical protection of fiber
- Crush resistance and flexibility
- The following measures are taken to ensure the cable watertight:
 - Single Fiber Reinforced Plastic as the central strength member
 - Loose tube filling compound
 - 100% cable core filling
 - PSP enhancing moisture-proof
 - Water-blocking material

Standards

Complies with Standard YD/T 901-2009 as well as IEC 60794-1.



Technical parameters

Cable Type (Increased by 2 fibers)	Fiber Count	Tubes	Fillers	Cable Diameter mm	Cable Weight Kg/km	Tensile Strength Long/Short term N	Crush Resistance Long/Short term N/100mm	Bending Radius Static/Dynamic mm
GYFTY53-2-6	2-6	1	7	15.8	226	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-8-12	8-12	2	6	15.8	226	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-14-18	14-18	3	5	15.8	226	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-20-24	20-24	4	4	15.8	226	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-26-30	26-30	5	3	15.8	226	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-32-36	32-36	6	2	15.8	226	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-38-42	38-42	7	1	15.8	226	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-44-48	44-48	8	0	16.8	255	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-50-60	50-60	5	3	16.8	255	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-62-72	62-72	6	2	16.8	255	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-74-84	74-84	7	1	16.8	255	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-86-96	86-96	8	0	16.8	255	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-98-108	98-108	9	1	19.2	320	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-110-120	110-120	10	0	19.2	320	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-122-132	122-132	11	1	21.2	380	1000 / 3000	1000 / 3000	10D/20D
GYFTY53-134-144	134-144	12	0	21.2	380	1000 / 3000	1000 / 3000	10D/20D

Storage/Operating Temperature: -40°C to +70°C